

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/01869

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16L59/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.           |
|------------|---|---------------------------------|
| A          | WO 00 40886 A (BOUYGUES OFFSHORE ; BAYLOT MICHEL (FR); ROCHER XAVIER (FR); HALLOT)<br>13 July 2000 (2000-07-13)<br>cited in the application | 1-33                            |
| A          | the whole document  | 1-14                            |
| A          | FR 2 788 831 A (BOUYGUES OFFSHORE)<br>28 July 2000 (2000-07-28)<br>abstract; figures  | 1-5, 8, 9                       |
| A          | US 6 000 438 A (OHRN THEODORE R)<br>14 December 1999 (1999-12-14)<br><br>column 3, line 14 - column 4, line 52;<br>figures                  | 1, 2, 8,<br>11-14,<br>25, 30-33 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

14 October 2003

Date of mailing of the international search report

21/10/2003

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